

AACATTTACATACAGCCAGTGTAGATGACACATTGATTTAAAAAAATAGTGCGAGTGCTTTGA
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GAGAATAGACCAACGACCATGCAAGATGGCGGGTGACGCCTGCATACTGGTGACGGTGCTTCTC
ACCTTCGCAACATCAGTTTTTCGGGCAAGAAACAACATCGTCGAGATGTTACTACATGACTGACG
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CTGGCCTTTGATCCCGGCTGAGCCAAGAGACGACGTGTGCATAAACGGCTGGTACCCACAACCTC
ACCAGCACTTCTCTCGGCACCATCATCATCCACATGGAAGAGGAGATCGAGGGAGATGTTGCTA
TCGCTAAACTTAACTATGATGGTTCTGGAACCCAGAAATTGTCCAGCCGATGGTTATAGGATC
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GCTAGACGCTTGCCAAGTGCCGGAATTGGGGGAGCCTCGACTAACGACTGCGTTTACCAAGTG
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TATCGGTATCCTATCAGCGCTTAACTTCGAAAGCAACCCGCTGCACATCTTTCAAATCACTGCT
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CCAGGTGCGCGCCATCGACGGAGACACTGGCATCGGGAAAGCTATACACTATACCCTCGAGACA
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GCACTGCCATGATTGATGTGGATAGGCTCCGGCGAGATGTCTTCAGACTGTCCCTGGTGGCATA
CAAGTACGACAATGTGTCCTTCGCCACCCCGACACCCGTGTCGATCATAGTCAATGACATCAAC
AACAAGAAACCCCAACCGCTGCAAGATGAGTACACAATCTCCATAATGGAAGAACTCCACTGT
CGCTGAATTTTGCTGAACTTTTTGGTTTCTATGATGAAGATTTGATCTACGCACAATCCTTGGT
GGAAATACAAGGCGAGAACCCTCCAGGCGTAGAGCAAGCGTTTTATATTGCGCCCACCGCAGGC
TTCCAGAACCAGACATTCGCCATAGGGACTCAAGATCACCGAATGCTGGATTATGAGGATGTTT
CTTTCCAAAACATCAAGCTCAAGGTAATAGCAACGGACCGTGACAATACCAATTTTACTGGAGT
CGCGGAAGTCAACGTGAACCTGATTAATTGGAACGACGAGGAGCCGATCTTTGAGGAAGACCAG
CTCGTTGTCAAGTTCAAGGAGACTGTACCCAAGGACTATCACGTCGGCAGACTGAGGGCTCACG
ACCGGGACATAGGAGACAGCGTTGTGCATTCCATCTTGGGAAATGCGAATACATTTTTGAGAAT
CGACGAAGAACTGGCGACATATACGTAGCTATTGATGACGCGTTCGATTATCACAGACAGAAT
GAATTTAACATACAAGTTCGCGCTCAGGACACCATGTCGGAGCCAGAGTCCAGGCATACAGCGG
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CGTAAGTCCGTCTGTAGAAGAGAATGTGCCAGAGGGCTTTGAAATCAACCGGGAGATAACCGCC
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AACAGGGGCGTGATACCAATCCAATAGAGTTCCACGGATGCGTGGATATAGAAACCATCTTCCC
AAACCCAGCCGACACCAGAGAGGCTGTGGGGCGAGTGGTAGCGAAGGGGATCCGCCATAACGTG
ACCATCCATTTTGAAGAGTTTGAATTTCTCTACCTCACAGTGAGAGTTCGGGACTTGACACAG
ATGACGGACGAGATTATGATGAATCTACCTTCACGGTAATAATAATAGATATGAACGACAACTG
GCCTATCTGGGCGTCTGGTTTCTGAACCAGACCTTCAGTATTCGGGAGCGATCATCTACCGGC
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CCATTATCCCCCAGGAAGATACTCCTGAAGGTCTAGTCCAGATACATTTCTGTTACGGGTCAAAT
TACAGTTGATGAGAATGGTGCAATCGACGCTGATATTCACCTCGTTGGCACCTCAACTACACG
GTTATAGCCAGCGACAAATGTTCTGAAGAAAATGAAGAGAACTGTCCCCGGATCCAGTGTTCT
GGGATACTCTGCGCGACAATGTAATTAACATCGTGACATAAACAACAAGGTCCCGGCAGCAGA
CCTCAGTCGATTCAACGAAACGGTGTACATTTATGAAATGCACCCGATTTACGAACGTGGTC

Figure 1A

AAGATATACTCCATCGACGAAGACAGAGACGAAATATATCACACGGTGCGGTACCAGATCAATT
ATGCTGTGAACCAACGGCTGCGAGACTTCTTCGCCATAGACCTGGATTTCAGGCCAGGTGTACGT
GGAGAACACCAACAATGAGCTCCTGGATCGGGACAGAGGCGAAGACCAACACAGGATATTCATT
AACCTCATTGACAACTTTTATAGCGAAGGAGATGGAAATAGAAATGTAAACACTACAGAGGTGC
TGGTGATACTATTAGATGAGAATGACAACGCTCCTGAATTGCCGACTCCAGAAGAGCTGAGTTG
GAGCATTTCCGAGGATTTACAAGAGGGTATAACACTCGATGGCGAAAGCGATGTGATATACGCA
CCGGATATAGACAAAGAGGACACGCCAAACTCTCACGTTGGCTACGCAATCCTGGCCATGACAG
TCACCAATAGAGACCTGGACACTGTTCCGAGACTTCTCAACATGCTGTCGCCTAACACGTAAC
CGGATTCCTCCAGACAGCAATGCCTTTGAGAGGATATTGGGGGACTTACGATATAAGTGTACTG
GCGTTCGACCACGGTATTCTCTCAGCAGATATCTCATGAGGTGTATGAATTGGAAATTCGACCTT
ACAATTACAATCCTCCTCAGTTTCGTTTTTCTGAATCCGGGACGATTCTACGACTGGCTTTGGA
ACGCGCAGTGGTAAATAATGTTTTGTCACTTGTAACGGTGACCCGTTAGACAGGATACAAGCA
ATTGACGACGATGGTCTTGATGCTGGCGTGGTGACTTTCGATATTGTTGGAGATGCTGATGCGT
CAAACACTTTCAGAGTAAATAATGATGGCGACAGCTTTGGAACCTTGTTGCTGACACAGGCGCT
TCCTGAGGAAGGCAAGGAATTTGAGGTTACCATCCGGGCTACAGACGGCGGAACAGAACCTCGA
TCATATTCAACAGACTCCACTATAACAGTCCTCTTCGTTCCGACTTTGGGTGATCCGATCTTTC
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CCCACATGCAGAGGACCCTAAGAACAAACTCTGCACTGACGACTGTCACGATATTTACTACAGG
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AATCAGAACTAGACCGGGAGACCACTGCTACGCATGTGGTGCAAGTGGCAGCCAGTAATTCGCC
CACAGGAGGCGGAATACCACTCCCTGGGTCTCTTCTCACCGTCACTGTCACTGTACGAGAAGCG
GATCCACGGCCTGTGTTTCGAGCAGCGTCTGTACACGGCTGGCATTTCCACTTCCGATAACATCA
ACAGGGAACACTACTACCGTTTCGTGCAACTCATTCCGAAAACGCACAATTGACATATACCATCGA
AGACGGTTCTATGGCGGTGGACTCCACTCTGGAAGCCGTCAAGGACTCGGCGTTCCATCTGAAC
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TCAACGTCATCGCTACTGACCCAGATGAGAAGACAGATACGGCAGAGGTGAAAGTCTACCTCAT
TTCATCCCAAATAGGGTGTCTTCATATTCTGAAACGATGTGGAGACGGTTGAGAGTAACAGA
GACTTTATCGCAGAAACGTTTCAGCGTTGGCTTCAACATGACCTGCAATATAGATCAGGTGCTGC
CGGGCACCAACGACGCCGGGGTGATTTCAGGAGGCCATGGCGGAAGTCCATGCTCACTTCATACA
GGATAACATCCCTGTGAGCGCCGACAGTATTGAAGAGCTTCGCAGTGACACTCAGCTGCTGCGC
TCCGTCCAAGGTGTGTTGAACCAACGGCTGTTGGTCTGAAACGACCTGGTGACGGGGGTGAGCC
CTGATCTCGGCACTGCCGGCGTGCAGATCACCATCTATGTGCTAGCCGGGTTGTCAGCCATCCT
TGCTTCTCTGTGCTTATTCTGCTCATCACATTCATCGTGAGGACCCGAGCTCTGAACCGCCGT
TTGGAAGCACTGTGATGACGAAATACGGCTCGGTGGATTTCGGGGCTGAACCGAGTGGGGATAG
CGGCCCCAGGAACCAACAAACACGCCATCGAAGGCTCCAACCCCATCTGGAACGAGCAGATCAA
GGCCCCGGACTTCGATGCCATCAGTGACACATCTGACGACTCTGATCTAATCGGCATCGAGGAT
AGCCTGCAGGGAGACTTAGAAGAGAAAAGGGCAGACAAAGCAGTAGATGCCTTGTTGAAAAAGC
TGAAGAAGAACGATGGAGCCATGGGGGAATACGAATTCAAGGCCTCTCGAGCCTCTAGAACTAT
CGTGAGTCGTATTACGTATATCCAGACATGATGAGATACATTGATGAGTTTGGACAAACCGCAA
CTAGAATGCAGTGAAAAAATGCTTTATTTGTTGAAATTTGTGATGCTATTGCTTTATTTGGAA
CCATTATAAGCTGCAATAAACAAGTTAACATCATCAATTGCATTCATTTTATGTTTCAGGTTCA
GGGGGAGGTGTGGGAGGCTATCC

Figure 1B

SIG

1	<u>MAGDACILVT VLLTFATSVF</u>	GQETTSSRCY	YMTDAIPREP	KPDDLPLEW
		CR1 →		
51	TGGWTDWPLI PAEPRDDVCI	NGWYPQLTST	SLGTIIHME	EEIEGDVAIA
101	KLNYDGSGTP EIVQPMVIGS	SNLLSPEIRN	ENGAWYLYIT	NRQDYETPTM
			CR2 →	
151	RRYTFDVRVP DETRAARVSL	SIENIDDNDP	IVRVLDACQV	PELGEPRLTD
201	CVYQVSEDEG RLSIEPMTFR	LTSREDVQI	FYVEPAHITG	DWFNMQITIG
			CR3 →	
251	ILSALNFESN PLHIFQITAL	DSWPNÑHTVT	VMVQVQNVEH	RPPRWMEIFA
301	VQQFDEMTEQ QFQVRAIDGD	TGIGKAIHYT	LETDEEEDLF	FIETLPGGHD
351	GAIFSTAMID VDRLRRDVFR	LSLVAYKYDÑ	VSFATPTPVV	IIVNDINNKK
	CR4 →			
401	PQPLQDEYTI SIMEETPLSL	NFAELFGFYD	EDLIYAQSLV	EIQGENPPGV
451	EQAFYIAPTA GFQÑQTFAIG	TQDHRMLDYE	DVPFQNIKLK	VIATDRDNTÑ
		CR5 →		
501	FTGVAEVNVN LINWNDEEPI	FEEDQLVVKF	KETVPKDYHV	GRLRAHDRDI
551	GDSVVHSILG NANTFLRIDE	ETGDIYVAID	DAFDYHRQNE	FNIQVRAQDT
		CR6 →		
601	MSEPESRHTA AAQLVIELED	VNNTPTTLRL	PRVSPSVEEN	VPEGFEINRE
651	ITATDPDTTA YLQFEIDWDT	SFATKQGRDT	NPIEFHGCVD	IETIFPNPAD
701	TREAVGRVVA KGIRHÑVTIH	FEEFEFLYLT	VRVRDLHTDD	GRDYDESTFT
		CR7 →		
751	VIIIDMNDNW PIWASGFLÑQ	TFSIRERSST	GVVIGSVLAT	DIDGPLYNQV
801	RYTIIPQEDT PEGLVQIHV	TGQITVDENG	AIDADIPPRW	HLÑYTVIASD
			CR8 →	
851	KCSEENEENC PPDPVFWDTL	RDNVINIVDI	NNKVPAADLS	RFÑETVYIYE
901	NAPDFTNVVK IYSIDEDRDE	IYHTVRYQIN	YAVNQRLRDF	FAIDLDSGQV
951	YVENTNNELL DRDRGEDQHR	IFINLIDNFY	SEGDGNNRVÑ	TTEVLVILLD
	CR9 →			
1001	ENDNAPELPT PEELSWSISE	DLQEGITLDG	ESDVIYAPDI	DKEDTPNSHV
1051	GYAILAMTVT NRDLDTVPRL	LNMLSPNÑVT	GFLQTAMPLR	GYWGTYDISV
1101	LAFDHGIPQQ ISHEVYELEI	RPYNYNPPQF	VPESGTILR	LALERAVVNN

Figure 2A

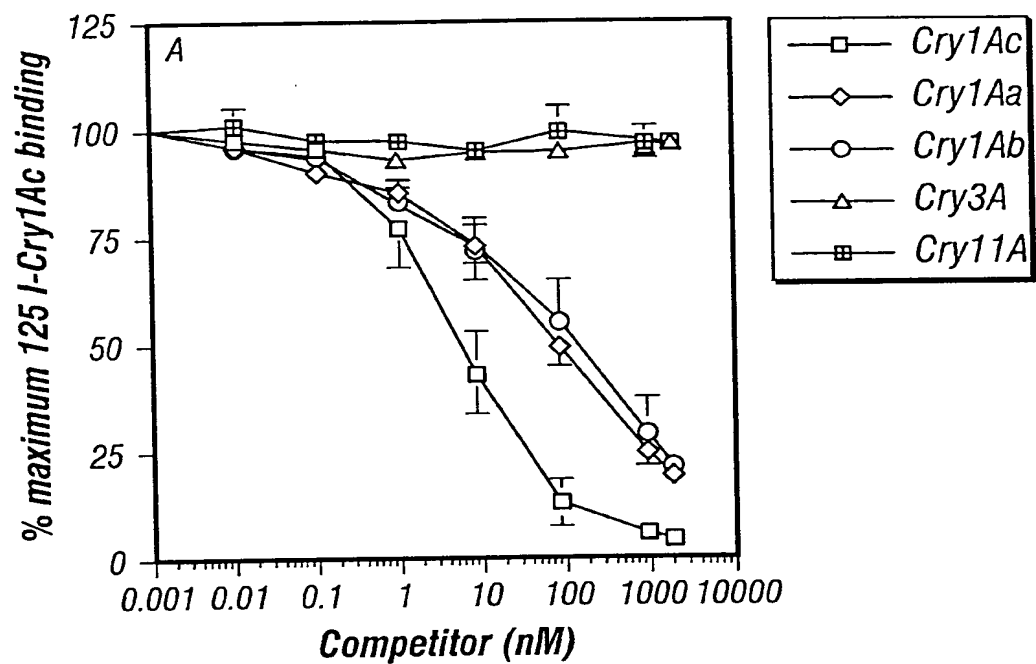


FIG. 3A

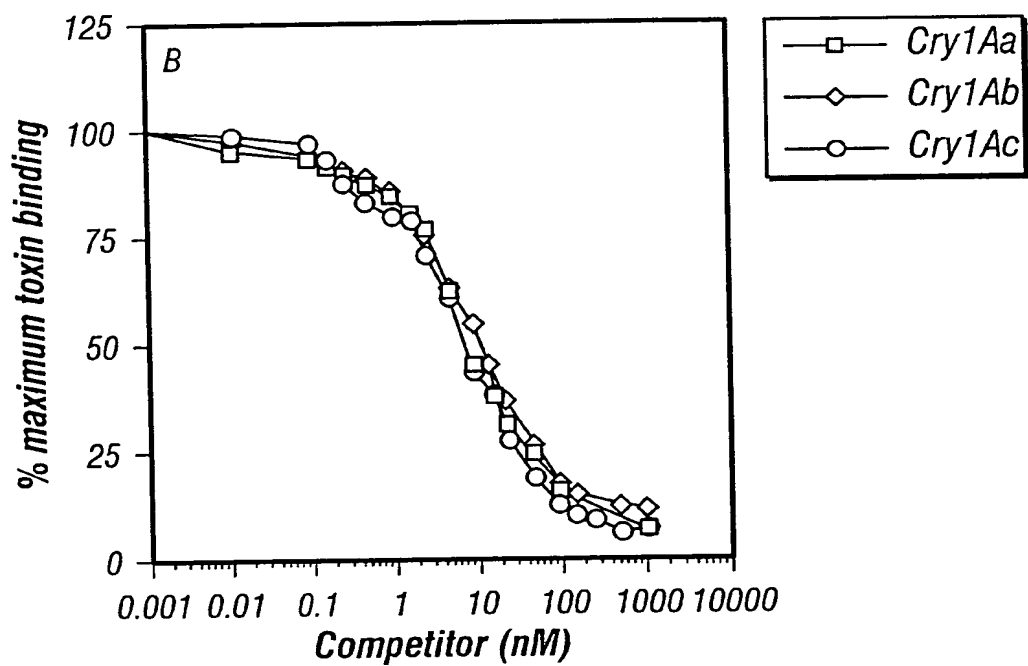


FIG. 3B

Figure 5A

1 MGV DVRI LAT LLLIY - AETV LAQE - - - RCGFMV - AIPRP B.mori BTR175
 1 MAV DVRI - AAFLLVFIAPAVLAQE - - - RCGYMT - AIPRL THW BTR1
 1 MAG D ACI LVTV LLLTF - ATS VFGQE TTS S RCY YMT DAIPRE PBW BTR2

35 PRPD - LPELDFEGQTWSQRPLI PAADRE DVCM DG - YHAMT B.mori BTR175
 35 PRPDNLPVLNFE GQTWSQRPLLPAPERDDLCMDA - YHVIT THW BTR1
 40 PKPD DLPDL EWTG - GWTDWPLI PAEPRDDVC INGWY PQLT PBW BTR2

73 PT - YGTQI IYME EEEIEGEVPIAKLNYRGPNVPIYIEPAFLS B.mori BTR175
 74 AN - LGTQVIYMD EEEIEDEITIAILNNGPSTPFIELPFLS THW BTR1
 79 STSLGT I I IHME EEEIEGDVAIAKLNYDGS GTPEI VQPMVI PBW BTR2

112 GS FNLLVPVIRRI PDSNGEWHLIITQRQDYETPGMQQYV F B.mori BTR175
 113 GSYNLLMPVIRRV - - DNGEWHLIITQRQH YELPGMQQYMF THW BTR1
 119 GSSNLLSPEIR - - - NENGAWYLYITNRQDYETPTMRRYT F PBW BTR2

152 NI R I DGETLVAGVSL L I V N I D D N A P I I Q A L E P C Q V D E L G E B.mori BTR175
 151 NVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEP CRVPELGE THW BTR1
 156 DVRVPDETRAARVSLS I E N I D D N D P I V R V L D A C Q V P E L G E PBW BTR2

192 ARLTECVYVVTDA DGRISTQFMQFRIDS DRGD D K I F Y I Q G B.mori BTR175
 191 PGLTECTYQVSDADGRISTEFMTFRIDS SVRGDEETFYIER THW BTR1
 196 PRLTD CVYQVSD E D G R L S I E P M T F R L T S D R E D V Q I F Y V E P PBW BTR2

232 ANIPGEWIRMTMTVGINEPLNFE TNPLHIFS V TALDLSLPN B.mori BTR175
 231 TNIPNQWMWLNMTIGVNTS LNFVTSPLHIFS V TALDLSLPN THW BTR1
 236 AHI TGDWFNMQITIGILSALNFE SNPLHIFQITALDLSWPN PBW BTR2

272 THTVTLMVQVENVEHRRPPRWVEIFAVQQFDEKTAQSFPVR B.mori BTR175
 271 THTVTMMVQVANVNSRPPRWLEIFAVQQFEKSYQNFTVVR THW BTR1
 276 NHTVTVMVQVQNV E H R P P R W M E I F A V Q Q F D E M T E Q Q F Q V R PBW BTR2

312 AIDGDTGINKPIHYRLETA EEDTFFHIRTIEGGRSGA ILY B.mori BTR175
 311 AIDGDT E INMPIN YRLITNEEDTFFSIEALPGGKSGAVFL THW BTR1
 316 AIDGDTGIGKA IHYTLETD E E E D L F F I E T L P G G H D G A I F S PBW BTR2

352 VDPIDRD T L Q R E V F Q L S I I A Y K Y D N E S S A T A A N V V I I V N D B.mori BTR175
 351 VSPIDRD T L Q R E V F P L T I V A Y K Y D E E A F S T S T N V V I I V T D THW BTR1
 356 TAMIDVDRLRLRDVFR LSLVA Y K Y D N V S F A T P T P V V I I V N D PBW BTR2

392 INDQRPEPLFK EYRLNIMEETALTLNFDQEFGFHD RDLGQ B.mori BTR175
 391 INDQRPEPIHKE YRLAIMEETPLTLNFDKEFGFHD KDLGQ THW BTR1
 396 INNKKKPKPLQDEYTISIMEETPLSLNFAELFGFYDEDL - I PBW BTR2

432 NAQYT V R L E S D Y P A D A A K A F Y I A P E V G Y Q R Q T F I M G T A N H B.mori BTR175
 431 NAQYT V R L E S V D P P G A A E A F Y I A P E V G Y Q R Q T F I M G T L N H THW BTR1
 435 YAQSLV E I Q G E N P P G V E Q A F Y I A P T A G F Q N Q T F A I G T Q D H PBW BTR2

472 KMLDYE - VPEFQRIRLRVIATDM DNEEHVGVAYVYINLIN B.mori BTR175
 471 SMLDYE - VPEFQSITIRVVATDNDTRHVGVALLVHIDLIN THW BTR1
 475 RMLDYE DVP - FQNIK L K V I A T D R D N T N F T G V A E V N V N L I N PBW BTR2

511 WNDEEPIFEHSVQNVSFKETEGKGFFVANVR AHDRDIDDR B.mori BTR175
 510 WNDEEQPIFEH AVQT VTFDETEGEKGFFVAKAV AHDRDIGDV THW BTR1
 514 WNDEEPIFEEDQLVVKFKETVPKDYHVGR LRAHDRDIGDS PBW BTR2

551 VEHTLMGNANNYLSIDKDTGDIHV TQDDFFDYHRQS E L F V B.mori BTR175
 550 VEHTLLGN AVNFLTIDKLTGDIRVSANDS FN YHRESE L F V THW BTR1
 554 VVHSILGNANTFLRIDEE TGDIYVAIDDAFDYHRQNEFN I PBW BTR2

Figure 5B

591 Q V R A D D T L G E P - - F H T A T S Q L L I H L E D I N N T P P T L R L P R G B.mori BTR175
590 Q V R A T D T L G E P - - F H T A T S Q L V I R L N D I N N T P P T L R L P R G THW BTR1
594 Q V R A Q D T M S E P E S R H T A A A Q L V I E L E D V N N T P P T L R L P R V PBW BTR2

629 S P N V E E N V P E G Y I I T S E I R A T D P D T T A E L R F E I D W T T S Y A B.mori BTR175
628 S P Q V E E N V P D G H V I T Q E L R A T D P D T T A D L R F E I N W D T S F A THW BTR1
634 S P S V E E N V P E G F E I N R E I T A T D P D T T A Y L Q F E I D W D T S F A PBW BTR2

669 T K Q G R E A N P I E F H N C V E I E T I Y P A I N N R G S A I G R L V V K K I B.mori BTR175
668 T K Q G R Q A N P D E F R N C V E I E T I F P E I N N R G L A I G R V V A R E I THW BTR1
674 T K Q G R D T N P I E F H G C V D I E T I F P N P A D T R E A V G R V V A K G I PBW BTR2

709 R E N V T I D Y E E F E M L Y L T V R V R D L N T V I G D D Y D E S T F T I T I B.mori BTR175
708 R H N V T I D Y E E F E V L S L T V R V R D L N T V Y G D D Y D E S M L T I T I THW BTR1
714 R H N V T I H F E E F E F L Y L T V R V R D L H T D D G R D Y D E S T F T V I I PBW BTR2

749 I D M N D N P P I W V P G T L E Q S L R V R E M S D A G V V I G T L T A T D I D B.mori BTR175
748 I D M N D N A P V W V E G T L E Q N F R V R E M S A G G L V V G S V R A D D I D THW BTR1
754 I D M N D N W P I W A S G F L N Q T F S I R E R S S T G V V I G S V L A T D I D PBW BTR2

789 G P L Y N Q V R Y T M K A N E G T P E N L L M I D F Y T G Q I T V K T S G A I D B.mori BTR175
788 G P L Y N Q V R Y T I F P R E D T D K D L I M I D F L T G Q I S V N T S G A I D THW BTR1
794 G P L Y N Q V R Y T I I P Q E D T P E G L V Q I H F V T G Q I T V D E N G A I D PBW BTR2

829 A D V P R R Y N L Y Y T V V A T D R C Y A E D P D D C P D D P T Y W E T P G Q V B.mori BTR175
828 A D T P P R F H L Y Y T V V A S D R C S T E D P A D C P P D P T Y W E T E G N I THW BTR1
834 A D I P P R W H L N Y T V I A S D K C S E E N E E N C P P D P V F W D T L R D N PBW BTR2

869 V I Q I I D T N N K I P Q P E T D Q F K A V V Y I Y E D A V S G D E V V K V I G B.mori BTR175
868 T I H I T D T N N K V P Q A E T T K F D T V V Y I Y E N A T H L D E V V T L I A THW BTR1
874 V I N I V D I N N K V P A A D L S R F N E T V Y I Y E N A P D F T N V V K I Y S PBW BTR2

909 S D L D R D D I Y H T I R Y Q I N Y A V N P R L R D F F A V D P D T G R V Y V Y B.mori BTR175
908 S D L D R D E I Y H T V S Y V I N Y A V N P R L M N F F S V N R E T G L V Y V D THW BTR1
914 I D E D R D E I Y H T V R Y Q I N Y A V N Q R L R D F F A I D L D S G Q V Y V - PBW BTR2

949 Y T T D - - E V L D R D G D E P Q H R I F F N L I D N F F Q Q G D G N R N Q N B.mori BTR175
948 Y E T Q G S G E V L D R D G D E P T H R I F F N L I D N F M G E G E G N R N Q N THW BTR1
953 - - E N T N N E L L D R D R G E D Q H R I F I N L I D N F Y S E G D G N R N V N PBW BTR2

986 D A E V L V V L L D V N D N A P E L P E P D E L S W S V S E S L T K G T R L Q P B.mori BTR175
988 D T E V L V I L L D V N D N A P E L P P P S E L S W T I S E N L K Q G V R L E P THW BTR1
991 T T E V L V I L L D E N D N A P E L P T P E E L S W S I S E D L Q E G I T L D G PBW BTR2

1026 H - - I Y A P D R D E P D T D N S R V G Y A I I S L T I A N R E I E - V P E L B.mori BTR175
1028 H - - I F A P D R D E P D T D N S R V G Y E I L N L S - T E R D I E - V P E L THW BTR1
1031 E S D V I Y A P D I D K E D T P N S H V G Y A I L A M T V T N R D L D T V P R L PBW BTR2

1062 F T M I Q I Q N V T G E L E T A M D L R G Y W G T Y A I H I K A Y D H G I P Q Q B.mori BTR175
1063 F V M I Q I A N V T G E L E T A M D L K G Y W G T Y A I H I R A F D H G I P Q - THW BTR1
1071 L N M L S P N N V T G F L Q T A M P L R G Y W G T Y D I S V L A F D H G I P Q Q PBW BTR2

1102 M S - N E T Y E L V I R P Y N F H A P V F V F P K H G A T L R L A R E R A V V N B.mori BTR175
1102 M S M N E T Y E L I I H P F N Y Y A P E F V F P T N D A V I R L A R E R A V I N THW BTR1
1111 I S - H E V Y E L E I R P Y N Y N P P Q F V F P E S G T I L R L A L E R A V V N PBW BTR2

1141 G L L A T V D G E F L N R I V A T D E D G L H A G Q V A F E V V G D T E A V D Y B.mori BTR175
1142 G V L A T V N G E F L E R I S A T D P D G L H A G V V T F Q V V G D E E S Q R Y THW BTR1
1150 N V L S L V N G D P L D R I Q A I D D G L D A G V V T F D I V G D A D A S N Y PBW BTR2

Figure 5C

1181 F H I V N D G E N S G T L M L K Q L F P E D I R E F E V T I R A T D G G T E P R B.mori BTR175
1182 F Q V V N D G E N L G S L R L L Q A V P E E I R E F R I T I R A T D Q G T D P G THW BTR1
1190 F R V N N D G D S F G T L L L T Q A L P E E G K E F E V T I R A T D G G T E P R PBW BTR2

1221 P L S T D C T F S V V F V P I Q G E P I F P T S T H T V A F I E K E A G L L E R B.mori BTR175
1222 P L S T D M T F R V V F V P T Q G E P R F A S S E H A V A F I E K S A G M E E S THW BTR1
1230 S Y S T D S T I T V L F V P T L G D P I F Q D N T Y S V A F F E K E V G L T E R PBW BTR2

1261 H E L P R A E D R K N H L C S D D C H N I Y Y R I I D G N N D G H F G L D E T T B.mori BTR175
1262 H Q L P L A Q D I K N H L C E D D C H S I Y Y R I I D G N S E G H F G L D P V R THW BTR1
1270 F S L P H A E D P K N K L C T D D C H D I Y Y R I F G G V D Y E P F D L D P V T PBW BTR2

1301 N V L F L V K E L D R S V S E T Y T L T I A A S N S P T G G - I A L T S T I - T B.mori BTR175
1302 N R L F L K K E L I R E Q S A S H T L Q V A A S N S P D G G - I P L P A S I L T THW BTR1
1310 N V I F L K S E L D R E T T A T H V V Q V A A S N S P T G G G I P L P G S L L T PBW BTR2

1339 I T V N V R E A D P Q P Y F V R D L Y T A G I S T S D S I N R E L L I L Q A T H B.mori BTR175
1341 V T V T V R E A D P R P V F V R E L Y T A G I S T A D S I G R E L L R L H A T Q THW BTR1
1350 V T V T V R E A D P R P V F E Q R L Y T A G I S T S D N I N R E L L T V R A T H PBW BTR2

1379 S E N A P I I Y T I D W S T M V T D P T L A S V R E T A F I L N P H T G V L T L B.mori BTR175
1381 S E G S A I T Y A I D Y D T M V V D P S L E A V R Q S A F V L N A Q T G V L T L THW BTR1
1390 S E N A Q L T Y T I E D G S M A V D S T L E A V K D S A F H L N A Q T G V L I L PBW BTR2

1419 N I Q P T A S M H G M F E F Q V V A T D P A G Y S D R A N V K I Y L I S T R N R B.mori BTR175
1421 N I Q P T A T M H G L F K F E V T A T D T A G A Q D R T D V T V Y V V S S Q N R THW BTR1
1430 R I Q P T A S M Q G M F E F N V I A T D P D E K T D T A E V K V Y L I S S Q N R PBW BTR2

1459 V F F L F V N T L E Q V E Q N T D F I A Q T F S A G F E M T C N I D Q V V P A T B.mori BTR175
1461 V Y F V F V N T L Q Q V E D N R D F I A D T F S A G F N M T C N I D Q V V P A N THW BTR1
1470 V S F I F L N D V E T V E S N R D F I A E T F S V G F N M T C N I D Q V L P G T PBW BTR2

1499 D A - S G V I M N G I T E V R G H F I R D N V P V P A D E I E T L R G D M V L L B.mori BTR175
1501 D P V T G V A L E H S T Q M R G H F I R D N V P V L A D E I E Q I R S D L V L L THW BTR1
1510 N D - A G V I Q E A M A E V H A H F I Q D N I P V S A D S I E E L R S D T Q L L PBW BTR2

1538 T A I Q S T L A T R L L V L R D L F T D T S P A - P D A G S A A V L Y A L A V L B.mori BTR175
1541 S S I Q T T L A A R S L V L Q D L L T N S S P D - S A P D S S L T V Y V L A S L THW BTR1
1549 R S V Q G V L N Q R L L V L N D L V T G V S P D L G T A G V Q I T I Y V L A G L PBW BTR2

1577 S A L L A A L C L L L L V I F I I R T K K L N R R L E A L T V K K Y G S V D S G B.mori BTR175
1580 S A V L G F M C L V L L L T F I I R T R A L N R R L E A L S M T K Y G S L D S G THW BTR1
1589 S A I L A F L C L I L L I T F I V R T R A L N R R L E A L S M T K Y G S V D S G PBW BTR2

1617 L N R V G I A A P G T N K H A V E G S N P I W N E T I K A P D F D S M S D A S N B.mori BTR175
1620 L N R A G I A A P G T N K H T V E G S N P I F N E A I K T P D L D A I S E G S N THW BTR1
1629 L N R V G I A A P G T N K H A I E G S N P I W N E Q I K A P D F D A I S D T S D PBW BTR2

1657 D S D L I G I E D L P H F G E N N Y F P R D V D E F K T D K - P E D I V A T H N B.mori BTR175
1660 D S D L I G I E D L P H F G - N V F M D P E V N E - K A N G Y P E - - V A N H N THW BTR1
1669 D S D L I G I E D S - - - - - L Q G D L E E K R A D K A V D A L V K K L K PBW BTR2

1696 N N - - - - - F G F K S T P F S P E F A N - - Q F Q K B.mori BTR175
1696 N N - - - - - F A F N P T P F S P E F V N G - Q F R K I THW BTR1
1701 K N D G A M G E Y E F K A S R A S R T I V S R I T Y I Q T PBW BTR2